

PUYALLUP – PUYALLUP/CARBON FALL CHUM

STOCK STATUS

1992 STATUS

Unknown

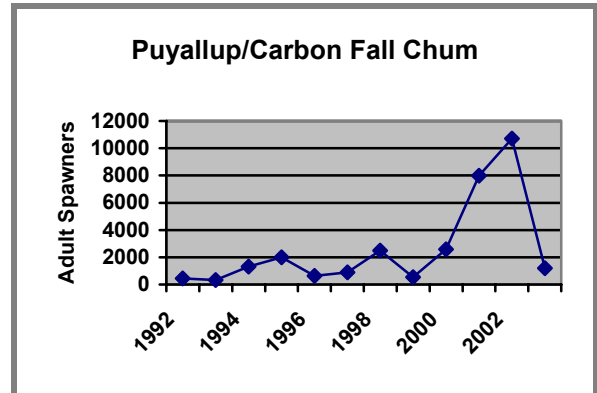
2002 STATUS

Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Fair

YEAR	ADULT SPAWNERS
1992	455
1993	337
1994	1,305
1995	2,007
1996	630
1997	885
1998	2,485
1999	543
2000	2,575
2001	7,987
2002	10,720
2003	1,188



Data are counts of adult spawners from South Prairie Creek. These counts underestimate the total number of chum spawners in Puyallup/Carbon system, however they are useful for identifying a trend in spawner abundance.

These numbers are fairly stable and large. Stock status is rated **Healthy** in 2002.

STOCK DEFINITION

Puyallup/Carbon fall chum were identified as a stock based on their distinct spawning distribution and genetic composition.

SPAWNING DISTRIBUTION: Most spawning takes place in the mainstem Carbon River and South Prairie Creek. Spawning also occurs in the tributaries of the Puyallup and White Rivers such as Swan Creek.

SPAWNING TIMING: Spawning generally occurs from December through January.

GENETIC ANALYSIS: Allozyme analysis has shown Puyallup/Carbon fall chum to be genetically distinct from all other Washington chum and Canadian chum stocks examined (Phelps et al. 1995).

STOCK ORIGIN

This is a **native** stock with **wild** production.